

METHOD OF ALTERING A FLUID-BORNE CONTAMINANT

Abstract

An improved method of altering a fluid-borne contaminant includes the
5 steps of: providing a pump (21) having an inlet (22) and an outlet (23); connecting
the pump inlet to a source (24) of contaminated fluid; operating the pump at
a pressure ratio of at least 2.0 so as to sufficiently elevate the temperature of the
fluid and contaminants passing through the pump, or, alternatively, operating
the pump so that the outlet temperature of the fluid and contaminants passing
10 therethrough is at least about 200°C; and controlling the time during which the
temperature of the fluid and contaminants are elevated; thereby to alter or con-
vert substantially all of the contaminants passing through the pump.